Table J1b. - Physical Properties of the Soils

Monroe County, West Virginia

Entries under "Erosion Factors—T" apply to the entire profile. Entries under "Wind Erodibility Group" and "Wind Erodibility Index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic Matter		rosion actors		Wind Erodibility	Wind
and Soil Name	ln	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Pct	Kw	Kf	Т	Group	Erodibility Index
Ad:														
FLUVAQUENTS	0-6 6-42			5-15 5-20	1.00-1.40 1.00-1.45	0.6-2 0.6-6	0.10-0.15 0.06-0.12	0.0-2.9 0.0-2.9	1.0-3.0	.43 .37	.43 .43	5		86
	42-60			18-35	1.20-1.40	0.6-2	0.08-0.14	0.0-2.9		.32	.32			
ATKINS MELVIN														
At: ATKINS	0-7			18-30	1.20-1.40	0.6-2	0.14-0.22	0.0-2.9	2.0-4.0	.32	.32	4		
ATRINS	7-38			18-35	1.20-1.50	0.06-2	0.14-0.18	0.0-2.9	2.0-4.0	.32	.32	4		
	38-60			10-35	1.20-1.50	0.2-6	0.08-0.18	0.0-2.9		.28	.32			
BcB: ELLIBER	0-12			10-20	1.20-1.40	0.6-6	0.08-0.12	0.0-2.9	1.0-3.0	.17	.32	3		48
LLLIBLIX	12-60			12-27	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9		.17	.32	Ū		40
BcC:														
ELLIBER	0-12 12-60			10-20 12-27	1.20-1.40 1.40-1.60	0.6-6 0.6-6	0.08-0.12 0.08-0.12	0.0-2.9 0.0-2.9	1.0-3.0	.17 .17	.32 .32	3		48
BcD:														
ELLIBER	0-12 12-60			10-20 12-27	1.20-1.40 1.40-1.60	0.6-6 0.6-6	0.08-0.12 0.08-0.12	0.0-2.9 0.0-2.9	1.0-3.0	.17 .17	.32 .32	3		48
D _* C ₁	.2 00			12 21	1.10 1.00	0.0 0	0.00 0.12	0.0 2.0			.02			
BrC: ELLIBER	0-12			10-20	1.20-1.40	0.6-6	0.06-0.14	0.0-2.9		.17	.32	3		
	12-60			12-27	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9		.17	.28			
BrD: ELLIBER	0-12			10-20	1.20-1.40	0.6-6	0.06-0.14	0.0-2.9		.17	.32	3		
 . `	12-60			12-27	1.40-1.60	0.6-6	0.08-0.12	0.0-2.9		.17	.28	J		

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		Frosion actors		Wind	Wind
and Soil Name	In	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
BrD:														
BrE: ELLIBER	0-12 12-60			10-20 12-27	1.20-1.40 1.40-1.60	0.6-6 0.6-6	0.06-0.14 0.08-0.12	0.0-2.9 0.0-2.9	 	.17 .17	.32 .28	3		
CaA: CAPTINA	0-13 13-26 26-40 40-60	 	 	8-20 20-35 20-35 20-35	1.50-1.60 1.40-1.50 1.45-1.55 1.45-1.55	0.6-2 0.6-2 0.06-0.2 0.06-0.2	0.18-0.22 0.18-0.22 0.08-0.12 0.05-0.12	0.0-2.9 0.0-2.9 0.0-2.9 0.0-2.9	1.0-3.0	.43 .43 .37 .32	.43 .43 .37 .37	3		56
ROBERTSVILLE														
CaB: CAPTINA	0-13 13-26 26-40 40-60	 	 	8-20 20-35 20-35 20-35	1.50-1.60 1.40-1.50 1.45-1.55 1.45-1.55	0.6-2 0.6-2 0.06-0.2 0.06-0.2	0.18-0.22 0.18-0.22 0.08-0.12 0.05-0.12	0.0-2.9 0.0-2.9 0.0-2.9 0.0-2.9	1.0-3.0	.43 .43 .37 .32	.43 .43 .37 .37	3		56
CaC: CAPTINA	0-13 13-26 26-40 40-60	 	 	8-20 20-35 20-35 20-35	1.50-1.60 1.40-1.50 1.45-1.55 1.45-1.55	0.6-2 0.6-2 0.06-0.2 0.06-0.2	0.18-0.22 0.18-0.22 0.08-0.12 0.05-0.12	0.0-2.9 0.0-2.9 0.0-2.9 0.0-2.9	1.0-3.0	.43 .43 .37 .32	.43 .43 .37 .37	3		56
CbC: CHILHOWIE	0-5 5-24 24-28	 	 	40-70 60-80 	1.30-1.50 1.30-1.45 	0.2-0.6 0.06-0.2 	0.12-0.15 0.10-0.15	3.0-5.9 6.0-8.9 	0.5-1.0	.37 .24 	.37 .24 	2		86
OPEQUON	0-6 6-16 16-20	 	 	27-45 35-75 	1.20-1.50 1.40-1.70 	0.2-2 0.2-2 	0.16-0.21 0.12-0.16 	6.0-8.9 6.0-8.9 	1.0-4.0	.37 .32 	.32 .17 	1		

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		Frosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
CbC:														
ROCK OUTCROP,HARD	0-60													0
OTHER SOILS														
CbD: CHILHOWIE	0-5 5-24 24-28	 		40-70 60-80 	1.30-1.50 1.30-1.45 	0.2-0.6 0.06-0.2 	0.12-0.15 0.10-0.15 	3.0-5.9 6.0-8.9 	0.5-1.0 	.37 .24 	.37 .24 	2		86
OPEQUON	0-6 6-16 16-20	 	 	27-45 35-75 	1.20-1.50 1.40-1.70 	0.2-2 0.2-2 	0.16-0.21 0.12-0.16 	6.0-8.9 6.0-8.9	1.0-4.0 	.37 .32 	.32 .17 	1		
ROCK OUTCROP,HARD	0-60													0
OTHER SOILS														
CbE: CHILHOWIE	0-5 5-24 24-28	 	 	40-70 60-80 	1.30-1.50 1.30-1.45 	0.2-0.6 0.06-0.2 	0.12-0.15 0.10-0.15	3.0-5.9 6.0-8.9 	0.5-1.0 	.37 .24 	.37 .24 	2		86
OPEQUON	0-6 6-16 16-20	 	 	27-45 35-75 	1.20-1.50 1.40-1.70 	0.2-2 0.2-2 	0.16-0.21 0.12-0.16 	6.0-8.9 6.0-8.9 	1.0-4.0 	.37 .32 	.32 .17 	1		
ROCK OUTCROP,HARD	0-60													0
OTHER SOILS														

CbE3:

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	ln	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
CbE3:														
CHILHOWIE	0-5			40-70	1.30-1.50	0.2-0.6	0.12-0.15	3.0-5.9	0.5-1.0	.37	.37	2		86
	5-24			60-80	1.30-1.45	0.06-0.2	0.10-0.15	6.0-8.9		.24	.24			
	24-28													
OPEQUON	0-6			27-45	1.20-1.50	0.2-2	0.16-0.21	6.0-8.9	1.0-4.0	.37	.32	1		
	6-16			35-75	1.40-1.70	0.2-2	0.12-0.16	6.0-8.9		.32	.17			
	16-20													
ROCK OUTCROP,HARD	0-60													0
OTHER SOILS														
CkB:														
CLARKSBURG	0-9			10-27	1.20-1.40	0.6-2	0.14-0.20	0.0-2.9	1.0-3.0	.37	.37	3		56
	9-21			22-35	1.30-1.50	0.6-2	0.12-0.18	3.0-5.9		.28	.28			
	21-36			22-35	1.40-1.70	0.06-0.6	0.06-0.12	3.0-5.9		.28	.32			
	36-40			22-40	1.20-1.60	0.06-0.6	0.06-0.16	3.0-5.9		.28	.32			
MELVIN														
CkC:														
CLARKSBURG	0-9			10-27	1.20-1.40	0.6-2	0.14-0.20	0.0-2.9	1.0-3.0	.37	.37	3		56
	9-21			22-35	1.30-1.50	0.6-2	0.12-0.18	3.0-5.9		.28	.28			
	21-36			22-35	1.40-1.70	0.06-0.6	0.06-0.12	3.0-5.9		.28	.32			
	36-40			22-40	1.20-1.60	0.06-0.6	0.06-0.16	3.0-5.9		.28	.32			
DaB:														
DEKALB	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2		48
	4-14			7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9		.17	.24			
	14-30			5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9		.17	.24			
	30-34													

DaC:

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
DaC:														
DEKALB	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2		48
	4-14			7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9		.17	.24			
	14-30			5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9		.17	.24			
	30-34													
DaD:														
DEKALB	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2		48
	4-14			7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9		.17	.24			
	14-30			5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9		.17	.24			
	30-34													
DbB:														
DEKALB	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.24	.24	2		86
	4-14			7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9		.17	.24			
	14-30			5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9		.17	.24			
	30-34													
DbC:														
DEKALB	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.24	.24	2		86
	4-14			7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9		.17	.24			
	14-30			5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9		.17	.24			
	30-34													
DbD:														
DEKALB	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.24	.24	2		86
	4-14			7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9		.17	.24	_		
	14-30			5-15	1.20-1.50	6-20	0.05-0.10	0.0-2.9		.17	.24			
	30-34													

DeC:

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	ln	Pct	Pct	pct	g/cc	(Ksat) In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
DeC:														
DEKALB	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2		
	4-14 14-30			7-18 5-15	1.20-1.50 1.20-1.50	6-20 6-20	0.06-0.12 0.05-0.10	0.0-2.9 0.0-2.9		.17 .17	.24 .24			
	30-34													
DeD:														
DEKALB	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2		
	4-14 14-30			7-18 5-15	1.20-1.50 1.20-1.50	6-20 6-20	0.06-0.12 0.05-0.10	0.0-2.9 0.0-2.9		.17 .17	.24 .24			
	30-34										.24			
DeE:														
DEKALB	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2		
	4-14 14-30			7-18 5-15	1.20-1.50 1.20-1.50	6-20 6-20	0.06-0.12 0.05-0.10	0.0-2.9 0.0-2.9		.17 .17	.24 .24			
	30-34			5-15 	1.20-1.50	0-20 		0.0-2.9			.24			
DeF:														
DEKALB	0-4			10-20	1.20-1.50	6-20	0.08-0.12	0.0-2.9	2.0-4.0	.17	.24	2		
	4-14			7-18	1.20-1.50	6-20	0.06-0.12	0.0-2.9		.17	.24			
	14-30 30-34			5-15 	1.20-1.50 	6-20 	0.05-0.10	0.0-2.9		.17 	.24			
DfB:														
DUFFIELD	0-10			15-30	1.10-1.40	0.6-2	0.16-0.22	0.0-2.9	1.0-2.0	.32	.37	4		48
	10-33			20-42	1.30-1.60	0.6-2	0.14-0.20	3.0-5.9		.28	.28			
	33-38			18-41	1.30-1.60	0.6-2	0.14-0.20	3.0-5.9		.28	.32			
DfC:	0.10			15 20	1 10 1 10	0.6.0	0.16.0.22	0.0.2.0	1020	20	27	4		40
DUFFIELD	0-10 10-33			15-30 20-42	1.10-1.40 1.30-1.60	0.6-2 0.6-2	0.16-0.22 0.14-0.20	0.0-2.9 3.0-5.9	1.0-2.0	.32 .28	.37 .28	4		48
	33-38			18-41	1.30-1.60	0.6-2	0.14-0.20	3.0-5.9		.28	.32			

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		Frosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	În	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
DfD:														
DUFFIELD	0-10 10-33			15-30 20-42	1.10-1.40 1.30-1.60	0.6-2 0.6-2	0.16-0.22 0.14-0.20	0.0-2.9 3.0-5.9	1.0-2.0	.32 .28	.37 .28	4		48
	33-38			18-41	1.30-1.60	0.6-2	0.14-0.20	3.0-5.9		.28	.32			
DfD3:														
DUFFIELD	0-10 10-33			15-30 20-42	1.10-1.40 1.30-1.60	0.6-2 0.6-2	0.16-0.22 0.14-0.20	0.0-2.9 3.0-5.9	1.0-2.0	.32 .28	.37 .28	4		48
	33-38			18-41	1.30-1.60	0.6-2	0.14-0.20	3.0-5.9		.28	.32			
DfE:														
DUFFIELD	0-10 10-33			15-30 20-42	1.10-1.40 1.30-1.60	0.6-2 0.6-2	0.16-0.22 0.14-0.20	0.0-2.9 3.0-5.9	1.0-2.0	.32 .28	.37 .28	4		48
	33-38			20-42 18-41	1.30-1.60	0.6-2	0.14-0.20	3.0-5.9		.28	.32			
DkB:														
DUFFIELD	0-10 10-33			15-30 20-42	1.10-1.40 1.30-1.60	0.6-2 0.6-2	0.16-0.22 0.14-0.20	0.0-2.9 3.0-5.9	1.0-2.0	.32 .28	.37 .28	4		48
	33-38			18-41	1.30-1.60	0.6-2	0.14-0.20	3.0-5.9		.28	.32			
DkC:														
DUFFIELD	0-10 10-33			15-30 20-42	1.10-1.40 1.30-1.60	0.6-2 0.6-2	0.16-0.22 0.14-0.20	0.0-2.9 3.0-5.9	1.0-2.0	.32 .28	.37 .28	4		48
	33-38			18-41	1.30-1.60	0.6-2	0.14-0.20	3.0-5.9		.28	.32			
DrC:														
DUFFIELD	0-10 10-33			15-30 20-42	1.10-1.40 1.30-1.60	0.6-2 0.6-2	0.16-0.22 0.14-0.20	0.0-2.9 3.0-5.9	1.0-2.0	.32 .28	.37 .28	4		48
	33-38			18-41	1.30-1.60	0.6-2	0.14-0.20	3.0-5.9		.28	.32			
ROCK OUTCROP,HARD	0-60													0
OTHER SOILS														

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
DrD:														
DUFFIELD	0-10			15-30	1.10-1.40	0.6-2	0.16-0.22	0.0-2.9	1.0-2.0	.32	.37	4		48
	10-33			20-42	1.30-1.60	0.6-2	0.14-0.20	3.0-5.9		.28	.28			
	33-38			18-41	1.30-1.60	0.6-2	0.14-0.20	3.0-5.9		.28	.32			
ROCK OUTCROP,HARD	0-60													0
OTHER SOILS														
DrE:														
DUFFIELD	0-10			15-30	1.10-1.40	0.6-2	0.16-0.22	0.0-2.9	1.0-2.0	.32	.37	4		48
	10-33 33-38			20-42 18-41	1.30-1.60 1.30-1.60	0.6-2 0.6-2	0.14-0.20 0.14-0.20	3.0-5.9 3.0-5.9		.28 .28	.28 .32			
	JJ-J0			10-41	1.30-1.60	0.6-2	0.14-0.20	3.0-5.9		.20	.32			
ROCK OUTCROP,HARD	0-60													0
OTHER SOILS														
DtB:														
DUNMORE	0-12			18-27	1.40-1.55	0.6-2	0.17-0.20	0.0-2.9	0.5-2.0	.32	.32	5		
	12-48			40-65	1.40-1.55	0.6-2	0.12-0.17	3.0-5.9		.20	.20			
DtC:														
DUNMORE	0-12			18-27	1.40-1.55	0.6-2	0.17-0.20	0.0-2.9	0.5-2.0	.32	.32	5		
	12-48			40-65	1.40-1.55	0.6-2	0.12-0.17	3.0-5.9		.20	.20			
DtD:														
DUNMORE	0-12			18-27	1.40-1.55	0.6-2	0.17-0.20	0.0-2.9	0.5-2.0	.32	.32	5		
	12-48			40-65	1.40-1.55	0.6-2	0.12-0.17	3.0-5.9		.20	.20			
DuD3:														
DUNMORE	0-12			30-45	1.40-1.55	0.6-2	0.15-0.18	0.0-2.9	0.5-1.0	.28	.28	5		
	12-48			40-65	1.40-1.55	0.6-2	0.12-0.17	3.0-5.9		.20	.20			

Monroe County, West Virginia

Map Symbol and Soil Name	Depth In	Sand Pct	Silt Pct	Clay pct	Moist Bulk Density g/cc	Permeability (Ksat) In/Hr	Available Water Capacity In/In	Linear Extensibility Pct	Organic Matter Pct		rosion actors Kf	Т	Wind Erodibility Group	Wind Erodibility Index
DuD3:	1						1							
DvB: DUNMORE	0-12 12-48			18-27 40-65	1.40-1.55 1.40-1.55	0.6-2 0.6-2	0.17-0.20 0.12-0.17	0.0-2.9 3.0-5.9	0.5-2.0	.32 .20	.32 .20	5		
DvC: DUNMORE	0-12 12-48			18-27 40-65	1.40-1.55 1.40-1.55	0.6-2 0.6-2	0.17-0.20 0.12-0.17	0.0-2.9 3.0-5.9	0.5-2.0	.32 .20	.32 .20	5		
DvD: DUNMORE	0-12 12-48			18-27 40-65	1.40-1.55 1.40-1.55	0.6-2 0.6-2	0.17-0.20 0.12-0.17	0.0-2.9 3.0-5.9	0.5-2.0	.32 .20	.32 .20	5		
FcB: FREDERICK	0-13 13-19 19-48 48-63		 	13-27 35-75 40-80 40-70	1.25-1.50 1.20-1.50 1.20-1.50 1.20-1.50	2-6 0.6-2 0.6-2 0.6-2	0.12-0.20 0.10-0.18 0.10-0.18 0.09-0.20	0.0-2.9 3.0-5.9 6.0-8.9 6.0-8.9	1.0-2.0 	.28 .24 .24 .24	.32 .28 .24 .24	4		56
FcC: FREDERICK	0-13 13-19 19-48 48-63	 	 	13-27 35-75 40-80 40-70	1.25-1.50 1.20-1.50 1.20-1.50 1.20-1.50	2-6 0.6-2 0.6-2 0.6-2	0.12-0.20 0.10-0.18 0.10-0.18 0.09-0.20	0.0-2.9 3.0-5.9 6.0-8.9 6.0-8.9	1.0-2.0 	.28 .24 .24 .24	.32 .28 .24 .24	4		56
FcD: FREDERICK	0-13 13-19 19-48 48-63	 	 	13-27 35-75 40-80 40-70	1.25-1.50 1.20-1.50 1.20-1.50 1.20-1.50	2-6 0.6-2 0.6-2 0.6-2	0.12-0.20 0.10-0.18 0.10-0.18 0.09-0.20	0.0-2.9 3.0-5.9 6.0-8.9 6.0-8.9	1.0-2.0	.28 .24 .24 .24	.32 .28 .24 .24	4		56

FcE:

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
FcE:														
FREDERICK	0-13			13-27	1.25-1.50	2-6	0.12-0.20	0.0-2.9	1.0-2.0	.28	.32	4		56
	13-19			35-75	1.20-1.50	0.6-2	0.10-0.18	3.0-5.9		.24	.28			
	19-48			40-80	1.20-1.50	0.6-2	0.10-0.18	6.0-8.9		.24	.24			
	48-63			40-70	1.20-1.50	0.6-2	0.09-0.20	6.0-8.9		.24	.24			
FdB:														
FREDERICK	0-13			13-27	1.25-1.50	2-6	0.16-0.24	0.0-2.9	1.0-2.0	.32	.32	4	6	48
	13-19			35-75	1.20-1.50	0.6-2	0.12-0.18	3.0-5.9		.24	.24			
	19-48			40-80	1.20-1.50	0.6-2	0.10-0.18	6.0-8.9		.24	.24			
	48-63			40-80	1.20-1.40	0.6-2	0.10-0.20	6.0-8.9		.24	.24			
FdC:														
FREDERICK	0-13			13-27	1.25-1.50	2-6	0.16-0.24	0.0-2.9	1.0-2.0	.32	.32	4	6	48
	13-19			35-75	1.20-1.50	0.6-2	0.12-0.18	3.0-5.9		.24	.24			
	19-48			40-80	1.20-1.50	0.6-2	0.10-0.18	6.0-8.9		.24	.24			
	48-63			40-80	1.20-1.40	0.6-2	0.10-0.20	6.0-8.9		.24	.24			
FdD:														
FREDERICK	0-13			13-27	1.25-1.50	2-6	0.16-0.24	0.0-2.9	1.0-2.0	.32	.32	4	6	48
	13-19			35-75	1.20-1.50	0.6-2	0.12-0.18	3.0-5.9		.24	.24			
	19-48			40-80	1.20-1.50	0.6-2	0.10-0.18	6.0-8.9		.24	.24			
	48-63			40-80	1.20-1.40	0.6-2	0.10-0.20	6.0-8.9		.24	.24			
FdE:														
FREDERICK	0-13			13-27	1.25-1.50	2-6	0.16-0.24	0.0-2.9	1.0-2.0	.32	.32	4	6	48
	13-19			35-75	1.20-1.50	0.6-2	0.12-0.18	3.0-5.9		.24	.24			
	19-48			40-80	1.20-1.50	0.6-2	0.10-0.18	6.0-8.9		.24	.24			
	48-63			40-80	1.20-1.40	0.6-2	0.10-0.20	6.0-8.9		.24	.24			

FkB:

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		Erosion Factors		Wind	Wind
and Soil Name	İn	Pct	Pct	pcť	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
FkB:														
FREDERICK	0-13 13-19			13-27 35-75	1.25-1.50 1.20-1.50	2-6 0.6-2	0.12-0.20 0.10-0.18	0.0-2.9 3.0-5.9	1.0-2.0	.28 .24	.32 .28	4		56
	19-48			40-80	1.20-1.50	0.6-2	0.10-0.18	6.0-8.9		.24	.24			
	48-63			40-70	1.20-1.50	0.6-2	0.09-0.20	6.0-8.9		.24	.24			
FkC:				40.0-										
FREDERICK	0-13 13-19			13-27 35-75	1.25-1.50 1.20-1.50	2-6 0.6-2	0.12-0.20 0.10-0.18	0.0-2.9 3.0-5.9	1.0-2.0	.28 .24	.32 .28	4		56
	19-48			40-80	1.20-1.50	0.6-2	0.10-0.18	6.0-8.9		.24	.24			
	48-63			40-70	1.20-1.50	0.6-2	0.09-0.20	6.0-8.9		.24	.24			
FmB:														
FREDERICK	0-13 13-19			13-27 35-75	1.25-1.50 1.20-1.50	2-6 0.6-2	0.16-0.24 0.12-0.18	0.0-2.9 3.0-5.9	1.0-2.0	.32 .24	.32 .24	4	6	48
	19-48			35-75 40-80	1.20-1.50	0.6-2 0.6-2	0.12-0.18	3.0-5.9 6.0-8.9		.24	.24			
	48-63			40-80	1.20-1.40	0.6-2	0.10-0.20	6.0-8.9		.24	.24			
FmC:														
FREDERICK	0-13 13-19			13-27 35-75	1.25-1.50 1.20-1.50	2-6 0.6-2	0.16-0.24 0.12-0.18	0.0-2.9 3.0-5.9	1.0-2.0	.32 .24	.32 .24	4	6	48
	19-48			35-75 40-80	1.20-1.50	0.6-2 0.6-2	0.12-0.18	3.0-5.9 6.0-8.9		.24	.24			
	48-63			40-80	1.20-1.40	0.6-2	0.10-0.20	6.0-8.9		.24	.24			
FrF:														
ELLIBER	0-12 12-60			10-20 12-27	1.20-1.40 1.40-1.60	0.6-6 0.6-6	0.08-0.12 0.08-0.12	0.0-2.9 0.0-2.9	1.0-3.0	.17 .17	.32 .32	3		48
FREDERICK	0-13 13-19			13-27	1.25-1.50	2-6	0.12-0.20	0.0-2.9	1.0-2.0	.28	.32	4		56
	13-19 19-48			35-75 40-80	1.20-1.50 1.20-1.50	0.6-2 0.6-2	0.10-0.18 0.10-0.18	3.0-5.9 6.0-8.9		.24 .24	.28 .24			
	48-63			40-70	1.20-1.50	0.6-2	0.09-0.20	6.0-8.9		.24	.24			
ROCK OUTCROP,HARD	0-60													0

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		Fosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	ln	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
FrF:														
OTHER SOILS														
FsC:														
DUNMORE	0-12			18-27	1.40-1.55	0.6-2	0.17-0.20	0.0-2.9	0.5-2.0	.32	.32	5		
	12-48			40-65	1.40-1.55	0.6-2	0.12-0.17	3.0-5.9		.20	.20			
FREDERICK	0-13			13-27	1.25-1.50	2-6	0.12-0.20	0.0-2.9	1.0-2.0	.28	.32	4		56
	13-19			35-75	1.20-1.50	0.6-2	0.10-0.18	3.0-5.9		.24	.28			
	19-48			40-80	1.20-1.50	0.6-2	0.10-0.18	6.0-8.9		.24	.24			
	48-63			40-70	1.20-1.50	0.6-2	0.09-0.20	6.0-8.9		.24	.24			
ROCK OUTCROP,HARD	0-60													0
OTHER SOILS														
FsD:														
DUNMORE	0-12			18-27	1.40-1.55	0.6-2	0.17-0.20	0.0-2.9	0.5-2.0	.32	.32	5		
	12-48			40-65	1.40-1.55	0.6-2	0.12-0.17	3.0-5.9		.20	.20			
FREDERICK	0-13			13-27	1.25-1.50	2-6	0.12-0.20	0.0-2.9	1.0-2.0	.28	.32	4		56
TREBERIOR	13-19			35-75	1.20-1.50	0.6-2	0.10-0.18	3.0-5.9		.24	.28	-		00
	19-48			40-80	1.20-1.50	0.6-2	0.10-0.18	6.0-8.9		.24	.24			
	48-63			40-70	1.20-1.50	0.6-2	0.09-0.20	6.0-8.9		.24	.24			
ROCK OUTCROP,HARD	0-60													0
OTHER SOILS														
FsE:														
DUNMORE	0-12 12-48			18-27 40-65	1.40-1.55 1.40-1.55	0.6-2 0.6-2	0.17-0.20 0.12-0.17	0.0-2.9 3.0-5.9	0.5-2.0	.32 .20	.32 .20	5		

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		rosion		Wind	Wind
and Soil Name	ln	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
FsE:														
FREDERICK	0-13 13-19 19-48 48-63	 	 	13-27 35-75 40-80 40-70	1.25-1.50 1.20-1.50 1.20-1.50 1.20-1.50	2-6 0.6-2 0.6-2 0.6-2	0.12-0.20 0.10-0.18 0.10-0.18 0.09-0.20	0.0-2.9 3.0-5.9 6.0-8.9 6.0-8.9	1.0-2.0 	.28 .24 .24 .24	.32 .28 .24 .24	4		56
ROCK OUTCROP,HARD	0-60													0
OTHER SOILS														
Gu: LAWRENCE	0-9 9-15 15-36	 	 	12-27 18-35 18-35	1.20-1.40 1.40-1.60 1.50-1.70	0.6-2 0.6-2 0.06-0.2	0.19-0.23 0.18-0.22 0.08-0.12	0.0-2.9 0.0-2.9 0.0-2.9	1.0-4.0	.43 .37 .43	.43 .37 .43	3		56
ROBERTSVILLE														
HaB: CLYMER	0-13 13-28 28-41 41-45	 	 	15-27 18-30 15-27	1.20-1.40 1.20-1.50 1.20-1.40	0.6-2 0.6-2 0.6-2	0.10-0.16 0.08-0.14 0.04-0.08	0.0-2.9 0.0-2.9 0.0-2.9	1.0-4.0 	.24 .15 .15	.24 .17 .20	3		56
RAYNE	0-10 10-26 26-37 37-41	 	 	10-27 18-35 10-30	1.20-1.40 1.40-1.60 1.40-1.60	0.6-2 0.6-2 0.6-2 	0.14-0.18 0.12-0.16 0.10-0.16	0.0-2.9 0.0-2.9 0.0-2.9 	1.0-3.0 	.28 .20 .20	.28 .24 .28	3		56
HaC: CLYMER	0-13 13-28 28-41 41-45	 	 	15-27 18-30 15-27	1.20-1.40 1.20-1.50 1.20-1.40	0.6-2 0.6-2 0.6-2	0.10-0.16 0.08-0.14 0.04-0.08	0.0-2.9 0.0-2.9 0.0-2.9 	1.0-4.0	.24 .15 .15	.24 .17 .20	3		56

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		Frosion actors		Wind	Wind
and Soil Name	In	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
HaC:														
RAYNE	0-10 10-26 26-37 37-41	 	 	10-27 18-35 10-30	1.20-1.40 1.40-1.60 1.40-1.60	0.6-2 0.6-2 0.6-2	0.14-0.18 0.12-0.16 0.10-0.16	0.0-2.9 0.0-2.9 0.0-2.9 	1.0-3.0 	.28 .20 .20	.28 .24 .28 	3		56
Hu: HUNTINGTON	0-12 12-53 53-80	 	 	18-30 18-30 15-30	1.10-1.30 1.30-1.50 1.30-1.50	0.6-2 0.6-2 0.6-2	0.18-0.24 0.16-0.22 0.10-0.16	0.0-2.9 0.0-2.9 0.0-2.9	3.0-6.0	.28 .32 .28	.28 .32 .32	5		
LaB: LAIDIG	0-12 12-39 39-99		 	10-27 18-35 18-35	1.20-1.40 1.30-1.50 1.30-1.60	0.6-6 0.6-6 0.06-0.6	0.10-0.14 0.08-0.12 0.06-0.10	0.0-2.9 0.0-2.9 0.0-2.9	1.0-4.0 	.28 .24 .17	.32 .28 .20	4		
MELVIN														
LaC: LAIDIG	0-12 12-39 39-99	 	 	10-27 18-35 18-35	1.20-1.40 1.30-1.50 1.30-1.60	0.6-6 0.6-6 0.06-0.6	0.10-0.14 0.08-0.12 0.06-0.10	0.0-2.9 0.0-2.9 0.0-2.9	1.0-4.0 	.28 .24 .17	.32 .28 .20	4		
LaD: LAIDIG	0-12 12-39 39-99	 	 	10-27 18-35 18-35	1.20-1.40 1.30-1.50 1.30-1.60	0.6-6 0.6-6 0.06-0.6	0.10-0.14 0.08-0.12 0.06-0.10	0.0-2.9 0.0-2.9 0.0-2.9	1.0-4.0	.28 .24 .17	.32 .28 .20	4		
LaE: LAIDIG	0-12 12-39 39-99	 	 	10-27 18-35 18-35	1.20-1.40 1.30-1.50 1.30-1.60	0.6-6 0.6-6 0.06-0.6	0.10-0.14 0.08-0.12 0.06-0.10	0.0-2.9 0.0-2.9 0.0-2.9	1.0-4.0	.28 .24 .17	.32 .28 .20	4		

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear Extensibility	Organic Matter		rosion		Wind Erodibility	Wind
and Soil Name	În	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Erodibility Index
LbC:														
LAIDIG	0-12 12-39			7-27 18-35	1.20-1.40 1.30-1.50	0.6-6 0.6-6	0.08-0.12 0.08-0.10	0.0-2.9 0.0-2.9		.28 .28	.32 .32	4		
	39-99			18-35	1.30-1.60	0.06-0.6	0.06-0.10	0.0-2.9		.17	.20			
LbD:														
LAIDIG	0-12 12-39			7-27 18-35	1.20-1.40 1.30-1.50	0.6-6 0.6-6	0.08-0.12 0.08-0.10	0.0-2.9 0.0-2.9		.28 .28	.32 .32	4		
	39-99			18-35	1.30-1.60	0.06-0.6	0.06-0.10	0.0-2.9		.17	.20			
LbE:														
LAIDIG	0-12 12-39			7-27 18-35	1.20-1.40 1.30-1.50	0.6-6 0.6-6	0.08-0.12 0.08-0.10	0.0-2.9 0.0-2.9		.28 .28	.32 .32	4		
	39-99			18-35	1.30-1.60	0.06-0.6	0.06-0.10	0.0-2.9		.17	.20			
LcB:														
LAWRENCE	0-11 11-20			12-27 18-35	1.20-1.40 1.40-1.60	0.6-2 0.6-2	0.19-0.23 0.18-0.22	0.0-2.9 0.0-2.9	1.0-4.0 	.43 .37	.43 .37	3		56
	20-37			18-35	1.50-1.70	0.06-0.2	0.08-0.12	0.0-2.9		.43	.43			
	37-72			18-60	1.50-1.70	0.06-0.6	0.08-0.12	0.0-2.9		.37	.37			
LdB: ERNEST	0-8			15-20	1.20-1.40	0.6-2	0.14-0.20	0.0-2.9	2.0-4.0	.43	.43	3		
	8-26			20-35	1.30-1.50	0.6-2	0.12-0.16	3.0-5.9		.32	.32			
	26-44			18-30	1.40-1.70	0.06-0.6	0.08-0.12	0.0-2.9		.32	.37			
BRINKERTON														
LhD:														
LEHEW	0-8 8-12			4-16 5-18	1.20-1.40 1.20-1.40	2-20 2-20	0.08-0.12 0.06-0.10	0.0-2.9 0.0-2.9		.17 .17	.24 .24	3		
	12-24			5-18	1.20-1.40	2-20	0.06-0.10	0.0-2.9		.17	.24			
	24-28													

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
LhE:														
LEHEW	0-8			4-16	1.20-1.40	2-20	0.08-0.12	0.0-2.9		.17	.24	3		
	8-12 12-24			5-18 5-18	1.20-1.40 1.20-1.40	2-20 2-20	0.06-0.10 0.06-0.10	0.0-2.9 0.0-2.9		.17 .17	.24 .24			
	24-28			J-10 										
Ln:														
LINDSIDE	0-15 15-47			15-27 18-35	1.20-1.40 1.20-1.40	0.6-2 0.2-2	0.20-0.26 0.17-0.22	0.0-2.9 0.0-2.9	2.0-4.0	.32 .37	.32 .37	5		
	47-72			18-35	1.20-1.40	0.2-2	0.17-0.22	0.0-2.9		.32	.32			
MELVIN														
LaD:														
LsB: LITZ	0-10			10-27	1.20-1.50	0.6-2	0.13-0.16	0.0-2.9	0.5-2.0	.32	.37	3		
	10-16			10-35	1.20-1.50	0.6-2	0.04-0.10	0.0-2.9		.32	.43			
	16-20													
LsC:														
LITZ	0-10 10-16			10-27 10-35	1.20-1.50 1.20-1.50	0.6-2 0.6-2	0.13-0.16 0.04-0.10	0.0-2.9 0.0-2.9	0.5-2.0	.32 .32	.37 .43	3		
	16-20				1.20-1.50	U.0-2 	0.04-0.10	0.0-2.9		.32	.43			
LsD:														
LITZ	0-10			10-27	1.20-1.50	0.6-2	0.13-0.16	0.0-2.9	0.5-2.0	.32	.37	3		
	10-16 16-20			10-35 	1.20-1.50 	0.6-2	0.04-0.10	0.0-2.9		.32	.43			
	10-20													
LsE: LITZ	0-10			10-27	1.20-1.50	0.6-2	0.13-0.16	0.0-2.9	0.5-2.0	.32	.37	3		
LIIZ	10-16			10-27	1.20-1.50	0.6-2	0.13-0.10	0.0-2.9		.32	.43	3		
	16-20													

LsF:

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	În	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
LsF:														
LITZ	0-10 10-16			10-27 10-35	1.20-1.50 1.20-1.50	0.6-2 0.6-2	0.13-0.16 0.04-0.10	0.0-2.9 0.0-2.9	0.5-2.0	.32 .32	.37 .43	3		
	16-20													
LtB:	0-15			40.07	1.20-1.50	0.6-2	0.18-0.22	0.000	0.5.0.0	07	07	3		
LITZ	15-21			10-27 10-35	1.20-1.50	0.6-2	0.04-0.10	0.0-2.9 0.0-2.9	0.5-2.0	.37 .32	.37 .43	3		
	21-25													
LtC: LITZ	0-15			10-27	1.20-1.50	0.6-2	0.18-0.22	0.0-2.9	0.5-2.0	.37	.37	3		
	15-21 21-25			10-35	1.20-1.50	0.6-2	0.04-0.10	0.0-2.9		.32	.43			
1400	2120													
LtC3: LITZ	0-15			10-27	1.20-1.50	0.6-2	0.18-0.22	0.0-2.9	0.5-2.0	.37	.37	3		
	15-21 21-25			10-35 	1.20-1.50 	0.6-2	0.04-0.10	0.0-2.9		.32	.43			
LtD:														
LITZ	0-15 15-21			10-27 10-35	1.20-1.50 1.20-1.50	0.6-2 0.6-2	0.18-0.22 0.04-0.10	0.0-2.9 0.0-2.9	0.5-2.0	.37 .32	.37 .43	3		
	21-25													
LtD3:	0.45			40.07	4 00 4 50	0.00	0.40.000	0000	0.5.0.0	0-	0.7	•		
LITZ	0-15 15-21			10-27 10-35	1.20-1.50 1.20-1.50	0.6-2 0.6-2	0.18-0.22 0.04-0.10	0.0-2.9 0.0-2.9	0.5-2.0	.37 .32	.37 .43	3		
	21-25													
LtE: LITZ	0-15			10-27	1.20-1.50	0.6-2	0.18-0.22	0.0-2.9	0.5-2.0	.37	.37	3		
	15-21 21-25			10-35	1.20-1.50	0.6-2	0.04-0.10	0.0-2.9		.32	.43	,		
	Z 1-ZU													

Monroe County, West Virginia

Map Symbol and Soil Name	Depth In	Sand Pct	Silt Pct	Clay pct	Moist Bulk Density g/cc	Permeability (Ksat) In/Hr	Available Water Capacity In/In	Linear Extensibility Pct	Organic Matter Pct		rosion actors Kf	Т	Wind Erodibility Group	Wind Erodibility Index
LtE:														
LtE3: LITZ	0-15 15-21 21-25	 	 	10-27 10-35 	1.20-1.50 1.20-1.50 	0.6-2 0.6-2 	0.18-0.22 0.04-0.10	0.0-2.9 0.0-2.9 	0.5-2.0	.37 .32 	.37 .43 	3		
LtF: LITZ	0-15 15-21 21-25		 	10-27 10-35 	1.20-1.50 1.20-1.50 	0.6-2 0.6-2 	0.18-0.22 0.04-0.10	0.0-2.9 0.0-2.9 	0.5-2.0	.37 .32 	.37 .43 	3		
LvD: LITZ	0-10 10-16 16-20	 	 	10-27 10-35 	1.20-1.50 1.20-1.50 	0.6-2 0.6-2 	0.13-0.16 0.04-0.10 	0.0-2.9 0.0-2.9 	0.5-2.0	.32 .32 	.37 .43 	3		
ROCK OUTCROP,HARD	0-60													0
OTHER SOILS														
LvE: LITZ	0-10 10-16 16-20	 	 	10-27 10-35 	1.20-1.50 1.20-1.50 	0.6-2 0.6-2 	0.13-0.16 0.04-0.10 	0.0-2.9 0.0-2.9	0.5-2.0	.32 .32 	.37 .43 	3		
ROCK OUTCROP,HARD	0-60													0
OTHER SOILS														

LvE3:

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
LvE3:														
LITZ	0-10			27-35	1.30-1.60	0.6-2	0.04-0.10	0.0-2.9	0.5-2.0	.32	.37	3		
	10-16 16-20			10-35 	1.20-1.50	0.6-2 	0.04-0.10	0.0-2.9		.32	.43			
ROCK OUTCROP,HARD	0-60													0
OTHER SOILS														
LxF:														
LITZ	0-10 10-16			10-27 10-35	1.20-1.50 1.20-1.50	0.6-2 0.6-2	0.13-0.16 0.04-0.10	0.0-2.9 0.0-2.9	0.5-2.0	.32 .32	.37 .43	3		
	16-20													
ROCK OUTCROP,HARD	0-60													0
OTHER SOILS														
Mb:														
MELVIN	0-8			12-17	1.20-1.60	0.6-2	0.18-0.23	0.0-2.9	0.5-3.0	.43	.43	5		56
	8-52 52-56			12-35 7-35	1.30-1.60 1.40-1.70	0.6-2 0.6-2	0.18-0.23 0.16-0.23	0.0-2.9 0.0-2.9		.43 .43	.43 .43			
MgA:														
MONONGAHELA	0-10			10-27	1.20-1.40	0.6-2	0.18-0.24	0.0-2.9	2.0-4.0	.43	.43	3		56
	10-29 29-59			18-35	1.30-1.50	0.6-2	0.14-0.18	0.0-2.9 0.0-2.9		.43	.43			
	29-59 59-63			18-35 10-35	1.30-1.60 1.20-1.40	0.06-0.6 0.2-0.6	0.08-0.12 0.08-0.12	0.0-2.9		.43 .37	.49 .43			
ROBERTSVILLE														

MgB:

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		rosion actors		Wind	Wind
and Soil Name	In	Pct	Pct	pcť	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
MgB:														
MONONGAHELA	0-10 10-29			10-27 18-35	1.20-1.40 1.30-1.50	0.6-2 0.6-2	0.18-0.24 0.14-0.18	0.0-2.9 0.0-2.9	2.0-4.0	.43 .43	.43 .43	3		56
	29-59			18-35	1.30-1.60	0.06-0.6	0.08-0.12	0.0-2.9		.43	.49			
	59-63			10-35	1.20-1.40	0.2-0.6	0.08-0.12	0.0-2.9		.37	.43			
ROBERTSVILLE														
MgC:														
MONONGAHELA	0-10 10-29			10-27 18-35	1.20-1.40 1.30-1.50	0.6-2 0.6-2	0.18-0.24 0.14-0.18	0.0-2.9 0.0-2.9	2.0-4.0	.43 .43	.43 .43	3		56
	29-59			18-35	1.30-1.60	0.06-0.6	0.14-0.16	0.0-2.9		.43	.43			
	59-63			10-35	1.20-1.40	0.2-0.6	0.08-0.12	0.0-2.9		.37	.43			
MoC:														
WEIKERT	8-0			15-27	1.20-1.40	2-6	0.08-0.14	0.0-2.9	1.0-3.0	.28	.32	2		48
	8-18 18-22			15-27 	1.20-1.40 	2-6	0.04-0.08	0.0-2.9		.28	.37			
	10 22													
MoC3: WEIKERT	0-8			15-27	1.20-1.40	2-6	0.08-0.14	0.0-2.9	1.0-3.0	20	22	2		48
WEINERI	0-6 8-18			15-27 15-27	1.20-1.40	2-6 2-6	0.06-0.14	0.0-2.9	1.0-3.0	.28 .28	.32 .37	2		40
	18-22													
MoD:														
WEIKERT	0-8			15-27	1.20-1.40	2-6	0.08-0.14	0.0-2.9	1.0-3.0	.28	.32	2		48
	8-18 18-22			15-27 	1.20-1.40 	2-6 	0.04-0.08	0.0-2.9		.28	.37			
MoD3: WEIKERT	0-8			15-27	1.20-1.40	2-6	0.08-0.14	0.0-2.9	1.0-3.0	.28	.32	2		48
	8-18			15-27	1.20-1.40	2-6	0.04-0.08	0.0-2.9		.28	.37	_		10
	18-22													

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	ln	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
MoE:														
WEIKERT	0-8 8-18			15-27 15-27	1.20-1.40 1.20-1.40	2-6 2-6	0.08-0.14 0.04-0.08	0.0-2.9 0.0-2.9	1.0-3.0	.28 .28	.32 .37	2		48
	18-24													
MoE3:														
WEIKERT	0-8 8-18			15-27 15-27	1.20-1.40 1.20-1.40	2-6 2-6	0.08-0.14 0.04-0.08	0.0-2.9 0.0-2.9	1.0-3.0	.28 .28	.32 .37	2		48
	18-24													
MoF:														
WEIKERT	0-8 8-18			15-27 15-27	1.20-1.40 1.20-1.40	2-6 2-6	0.08-0.14 0.04-0.08	0.0-2.9 0.0-2.9	1.0-3.0	.28 .28	.32 .37	2		48
	18-24				1.20-1.40	2-0	0.04-0.06	0.0-2.9		.20	.51			
MoF3:														
WEIKERT	0-8 8-18			15-27 15-27	1.20-1.40 1.20-1.40	2-6 2-6	0.08-0.14 0.04-0.08	0.0-2.9 0.0-2.9	1.0-3.0	.28 .28	.32 .37	2		48
	18-24													
MsB3:														
WEIKERT	0-8 8-18			15-27 15-27	1.20-1.40 1.20-1.40	2-6 2-6	0.08-0.14 0.04-0.08	0.0-2.9 0.0-2.9	1.0-3.0	.28 .28	.32 .37	2		48
	18-24													
MsC3:														
WEIKERT	0-8 8-18			15-27 15-27	1.20-1.40 1.20-1.40	2-6 2-6	0.08-0.14 0.04-0.08	0.0-2.9 0.0-2.9	1.0-3.0	.28 .28	.32 .37	2		48
	18-24									.20				
MsD3:														
WEIKERT	0-8 8-18			15-27 15-27	1.20-1.40 1.20-1.40	2-6 2-6	0.08-0.14 0.04-0.08	0.0-2.9 0.0-2.9	1.0-3.0	.28 .28	.32 .37	2		48
	18-22			10-21	1.20-1.40	2-0 	0.04-0.06	0.0-2.9		.20	.37			

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	În	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
MsD3:														
MuB:														
MURRILL	0-15			10-20	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	1.0-4.0	.28	.32	4		
	15-60 60-64			18-35 27-55	1.40-1.70 1.40-1.70	0.6-2 0.2-2	0.10-0.14 0.08-0.12	0.0-2.9 3.0-5.9		.24 .28	.28 .32			
MuC:	0.45			40.00	1 00 1 50	0.00	0.40.0.40	0.0.0.0	1010	20	20			
MURRILL	0-15 15-60			10-20 18-35	1.20-1.50 1.40-1.70	0.6-2 0.6-2	0.12-0.16 0.10-0.14	0.0-2.9 0.0-2.9	1.0-4.0 	.28 .24	.32 .28	4		
	60-64			27-55	1.40-1.70	0.2-2	0.08-0.12	3.0-5.9		.28	.32			
MuD:														
MURRILL	0-15			10-20	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	1.0-4.0	.28	.32	4		
	15-60			18-35	1.40-1.70	0.6-2	0.10-0.14	0.0-2.9		.24	.28			
	60-64			27-55	1.40-1.70	0.2-2	0.08-0.12	3.0-5.9		.28	.32			
MuE:														
MURRILL	0-15			10-20	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9	1.0-4.0	.28	.32	4		
	15-60			18-35	1.40-1.70	0.6-2	0.10-0.14	0.0-2.9		.24	.28			
	60-64			27-55	1.40-1.70	0.2-2	0.08-0.12	3.0-5.9		.28	.32			
MvC:														
MURRILL	0-15			10-20	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.32	4		
	15-60			18-35	1.40-1.70	0.6-2	0.10-0.14	0.0-2.9		.24	.28			
	60-64			27-55	1.40-1.70	0.2-2	0.08-0.12	3.0-5.9		.28	.32			
MvD:														
MURRILL	0-15			10-20	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.32	4		
	15-60			18-35	1.40-1.70	0.6-2	0.10-0.14	0.0-2.9		.24	.28			
	60-64			27-55	1.40-1.70	0.2-2	0.08-0.12	3.0-5.9		.28	.32			

MvE:

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		Erosion Factors		Wind Erodibility	Wind Erodibility
and Soil Name	ln	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
MvE:														
MURRILL	0-15			10-20	1.20-1.50	0.6-2	0.12-0.16	0.0-2.9		.24	.32	4		
	15-60 60-64			18-35 27-55	1.40-1.70 1.40-1.70	0.6-2 0.2-2	0.10-0.14 0.08-0.12	0.0-2.9 3.0-5.9		.24 .28	.28 .32			
	00-04			21-55	1.40-1.70	0.2-2	0.00-0.12	3.0-3.9		.20	.52			
Ph:				10.10								_		
PHILO	0-8 8-22			10-18 10-18	1.20-1.40 1.20-1.40	0.6-2 0.6-2	0.14-0.20 0.10-0.20	0.0-2.9 0.0-2.9	2.0-4.0	.37 .32	.37 .32	5		
	22-46			5-18	1.20-1.40	2-6	0.06-0.10	0.0-2.9		.24	.28			
ATIGNE														
ATKINS														
PkB:														
LAWRENCE	0-15			12-27	1.20-1.40	0.6-2	0.19-0.23	0.0-2.9	1.0-4.0	.43	.43	3		56
	15-30			18-35	1.40-1.60	0.6-2	0.18-0.22	0.0-2.9		.37	.37			
	30-44 44-50			18-35 18-60	1.50-1.70 1.50-1.70	0.06-0.2 0.06-0.6	0.08-0.12 0.08-0.12	0.0-2.9 0.0-2.9		.43 .37	.43 .37			
	44-50			10-00	1.30-1.70	0.00-0.0	0.00-0.12	0.0-2.9		.51	.51			
MELVIN														
Po:														
POPE	0-11			5-15	1.20-1.40	2-6	0.10-0.16	0.0-2.9	1.0-4.0	.28	.28	5		86
	11-37			5-18	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9		.28	.28			
	37-41			5-20	1.30-1.60	0.6-6	0.10-0.18	0.0-2.9		.28	.20			
ATKINS														
Ro:														
ROBERTSVILLE	0-11			12-27	1.30-1.50	0.6-2	0.19-0.23	0.0-2.9	1.0-3.0	.43	.43	3		56
	11-18			15-35	1.40-1.60	0.6-2	0.18-0.22	0.0-2.9		.43	.43			
	18-43 43-63			18-35 15-45	1.50-1.65 1.40-1.60	0.06-0.2 0.2-0.6	0.08-0.12 0.08-0.12	0.0-2.9 0.0-2.9		.43 .37	.43 .37			
	+0-00			10-40	1.40-1.00	0.2-0.0	0.00-0.12	0.0-2.9		.51	.51			

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind
and Soil Name	ln	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Erodibility Index
SoD: LITHIC UDORTHENTS	0-9			18-30	1.20-1.40	6-20	0.04-0.08	0.0-2.9	0.0	.24	.32	1		
SpE: LITHIC UDORTHENTS	0-9			18-30	1.20-1.40	6-20	0.04-0.08	0.0-2.9	0.0	.24	.32	1		
SrF: ROCK OUTCROP,HARD	0-9			18-30	1.20-1.40	6-20	0.04-0.08	0.0-2.9	0.0	.24	.32	1		
SvC: SUMMERS	0-11 11-21 21-25	 	 	10-20 8-18 	1.20-1.40 1.20-1.50 	2-20 2-6 	0.09-0.14 0.09-0.14 	0.0-2.9 0.0-2.9 	 	.17 .20	.24 .28 	3		
TaB: CALVIN	0-7 7-20 20-24	 	 	10-25 15-30 	1.20-1.40 1.40-1.60 	2-6 2-6 	0.12-0.18 0.08-0.16	0.0-2.9 0.0-2.9 	0.5-2.0	.24 .20	.24 .24 	3		56
CATEACHE	0-8 8-14 14-22 22-26	 	 	15-27 18-35 15-35	1.20-1.40 1.30-1.60 1.30-1.60	0.6-2 0.6-2 0.6-2	0.16-0.20 0.12-0.16 0.08-0.12	0.0-2.9 3.0-5.9 0.0-2.9	1.0-4.0	.32 .28 .28	.32 .32 .37	3		
TaC: CALVIN	0-7 7-20 20-24	 	 	10-25 15-30 	1.20-1.40 1.40-1.60 	2-6 2-6 	0.12-0.18 0.08-0.16	0.0-2.9 0.0-2.9 	0.5-2.0	.24 .20	.24 .24 	3		56
CATEACHE	0-8 8-14 14-22 22-26	 	 	15-27 18-35 15-35	1.20-1.40 1.30-1.60 1.30-1.60	0.6-2 0.6-2 0.6-2	0.16-0.20 0.12-0.16 0.08-0.12	0.0-2.9 3.0-5.9 0.0-2.9	1.0-4.0	.32 .28 .28	.32 .32 .37	3		

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	In	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
TaC:														
TaC3: CALVIN	0-7			10-25	1.20-1.40	2-6	0.12-0.18	0.0-2.9	0.5-2.0	.24	.24	3		56
CALVIII	7-20 20-24			15-30	1.40-1.60	2-6 	0.08-0.16	0.0-2.9		.20	.24	3		50
CATEACHE	0-8 8-14			15-27 18-35	1.20-1.40 1.30-1.60	0.6-2 0.6-2	0.16-0.20 0.12-0.16	0.0-2.9 3.0-5.9	1.0-4.0	.32 .28	.32 .32	3		
	14-22 22-26			15-35	1.30-1.60	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
TaD:														
CALVIN	0-7 7-20 20-24		 	10-25 15-30 	1.20-1.40 1.40-1.60	2-6 2-6	0.12-0.18 0.08-0.16	0.0-2.9 0.0-2.9	0.5-2.0 	.24 .20	.24 .24	3		56
CATEACHE	0-8			15-27	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	1.0-4.0	.32	.32	3		
CATEACHE	8-14 14-22			18-35 15-35	1.30-1.60 1.30-1.60	0.6-2 0.6-2 0.6-2	0.10-0.20 0.12-0.16 0.08-0.12	3.0-5.9 0.0-2.9		.28 .28	.32 .37	3		
	22-26													
TaE:	0.7			10.05	1 00 1 10	0.0	0.40.0.40	0.000	0.5.0.0	0.4	0.4	•		
CALVIN	0-7 7-20			10-25 15-30	1.20-1.40 1.40-1.60	2-6 2-6	0.12-0.18 0.08-0.16	0.0-2.9 0.0-2.9	0.5-2.0	.24 .20	.24 .24	3		56
	20-24													
CATEACHE	0-8 8-14			15-27 18-35	1.20-1.40 1.30-1.60	0.6-2 0.6-2	0.16-0.20 0.12-0.16	0.0-2.9 3.0-5.9	1.0-4.0	.32 .28	.32 .32	3		
	14-22 22-26			15-35	1.30-1.60	0.6-2	0.08-0.12	0.0-2.9		.28	.37			

TcD3:

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	ln	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
TcD3:														
CALVIN	0-7 7-20			10-25	1.20-1.40	2-6 2-6	0.12-0.18	0.0-2.9	0.5-2.0	.24	.24	3		56
	7-20 20-24			15-30 	1.40-1.60 	Z-0 	0.08-0.16	0.0-2.9		.20	.24			
CATEACHE	0-8			15-27	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	1.0-4.0	.32	.32	3		
	8-14			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	14-22 22-26			15-35 	1.30-1.60 	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
	22 20													
TcE3: CALVIN	0-7			10-25	1.20-1.40	2-6	0.12-0.18	0.0-2.9	0.5-2.0	.24	.24	3		56
OALVIIV	7-20			15-30	1.40-1.60	2-6	0.08-0.16	0.0-2.9		.20	.24	3		30
	20-24													
CATEACHE	0-8			15-27	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	1.0-4.0	.32	.32	3		
	8-14			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	14-22 22-26			15-35 	1.30-1.60 	0.6-2 	0.08-0.12	0.0-2.9		.28	.37 			
TIB:														
CALVIN	0-7			10-25	1.20-1.40	2-6	0.12-0.18	0.0-2.9	0.5-2.0	.24	.24	3		56
	7-20			15-30	1.40-1.60	2-6	0.08-0.16	0.0-2.9		.20	.24			
	20-24													
CATEACHE	0-8			15-27	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	1.0-4.0	.32	.32	3		
	8-14			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	14-22 22-26			15-35 	1.30-1.60 	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
	22 20													
LITZ	0-15			10-27	1.20-1.50	0.6-2	0.18-0.22	0.0-2.9	0.5-2.0	.37	.37	3		
	15-21 21-25			10-35	1.20-1.50	0.6-2	0.04-0.10	0.0-2.9		.32	.43			
	21-20													

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		rosion		Wind	Wind
and Soil Name	In	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
TIB: OTHER SOILS														
TIC: CALVIN	0-7 7-20 20-24	 	 	10-25 15-30 	1.20-1.40 1.40-1.60 	2-6 2-6 	0.12-0.18 0.08-0.16 	0.0-2.9 0.0-2.9 	0.5-2.0 	.24 .20 	.24 .24 	3		56
CATEACHE	0-8 8-14 14-22 22-26	 	 	15-27 18-35 15-35	1.20-1.40 1.30-1.60 1.30-1.60	0.6-2 0.6-2 0.6-2	0.16-0.20 0.12-0.16 0.08-0.12	0.0-2.9 3.0-5.9 0.0-2.9	1.0-4.0 	.32 .28 .28 	.32 .32 .37	3		
LITZ	0-15 15-21 21-24	 	 	10-27 10-35 	1.20-1.50 1.20-1.50 	0.6-2 0.6-2 	0.18-0.22 0.04-0.10 	0.0-2.9 0.0-2.9 	0.5-2.0 	.37 .32 	.37 .43 	3		
OTHER SOILS														
TID: CALVIN	0-7 7-20 20-24	 	 	10-25 15-30 	1.20-1.40 1.40-1.60 	2-6 2-6 	0.12-0.18 0.08-0.16 	0.0-2.9 0.0-2.9 	0.5-2.0 	.24 .20 	.24 .24 	3		56
CATEACHE	0-8 8-14 14-22 22-26	 	 	15-27 18-35 15-35	1.20-1.40 1.30-1.60 1.30-1.60	0.6-2 0.6-2 0.6-2	0.16-0.20 0.12-0.16 0.08-0.12	0.0-2.9 3.0-5.9 0.0-2.9	1.0-4.0 	.32 .28 .28	.32 .32 .37	3		
LITZ	0-15 15-21 21-25	 	 	10-27 10-35 	1.20-1.50 1.20-1.50 	0.6-2 0.6-2 	0.18-0.22 0.04-0.10 	0.0-2.9 0.0-2.9 	0.5-2.0 	.37 .32 	.37 .43 	3		
OTHER SOILS														

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		rosion		Wind	Wind
and Soil Name	În	Pct	Pct	pct	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
TID:														
TIE: CALVIN	0-7 7-20 20-24	 	 	10-25 15-30 	1.20-1.40 1.40-1.60 	2-6 2-6 	0.12-0.18 0.08-0.16	0.0-2.9 0.0-2.9 	0.5-2.0	.24 .20	.24 .24 	3		56
CATEACHE	0-8 8-14 14-22 22-26	 	 	15-27 18-35 15-35 	1.20-1.40 1.30-1.60 1.30-1.60	0.6-2 0.6-2 0.6-2	0.16-0.20 0.12-0.16 0.08-0.12	0.0-2.9 3.0-5.9 0.0-2.9	1.0-4.0 	.32 .28 .28	.32 .32 .37	3		
LITZ	0-15 15-21 21-25	 	 	10-27 10-35 	1.20-1.50 1.20-1.50 	0.6-2 0.6-2 	0.18-0.22 0.04-0.10 	0.0-2.9 0.0-2.9 	0.5-2.0 	.37 .32 	.37 .43 	3		
OTHER SOILS														
TmB3: CALVIN	0-7 7-20 20-24	 	 	10-25 15-30 	1.20-1.40 1.40-1.60 	2-6 2-6 	0.12-0.18 0.08-0.16 	0.0-2.9 0.0-2.9 	0.5-2.0 	.24	.24 .24 	3		56
CATEACHE	0-8 8-14 14-22 22-26	 	 	15-27 18-35 15-35 	1.20-1.40 1.30-1.60 1.30-1.60	0.6-2 0.6-2 0.6-2	0.16-0.20 0.12-0.16 0.08-0.12	0.0-2.9 3.0-5.9 0.0-2.9	1.0-4.0 	.32 .28 .28	.32 .32 .37	3		
LITZ	0-15 15-21 21-25	 	 	10-27 10-35 	1.20-1.50 1.20-1.50 	0.6-2 0.6-2 	0.18-0.22 0.04-0.10 	0.0-2.9 0.0-2.9 	0.5-2.0	.37 .32 	.37 .43 	3		
OTHER SOILS														

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		Fosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	În	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
TmC3:														
CALVIN	0-7			10-25	1.20-1.40	2-6	0.12-0.18	0.0-2.9	0.5-2.0	.24	.24	3		56
	7-20			15-30	1.40-1.60	2-6	0.08-0.16	0.0-2.9		.20	.24			
	20-24													
CATEACHE	0-8			15-27	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	1.0-4.0	.32	.32	3		
	8-14			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	14-22			15-35	1.30-1.60	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
	22-26													
LITZ	0-15			10-27	1.20-1.50	0.6-2	0.18-0.22	0.0-2.9	0.5-2.0	.37	.37	3		
	15-21			10-35	1.20-1.50	0.6-2	0.04-0.10	0.0-2.9		.32	.43			
	21-25													
OTHER SOILS														
TmD3:														
CALVIN	0-7			10-25	1.20-1.40	2-6	0.12-0.18	0.0-2.9	0.5-2.0	.24	.24	3		56
	7-20			15-30	1.40-1.60	2-6	0.08-0.16	0.0-2.9		.20	.24			
	20-24													
CATEACHE	0-8			15-27	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	1.0-4.0	.32	.32	3		
	8-14			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	14-22			15-35	1.30-1.60	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
	22-26													
LITZ	0-15			10-27	1.20-1.50	0.6-2	0.18-0.22	0.0-2.9	0.5-2.0	.37	.37	3		
	15-21			10-35	1.20-1.50	0.6-2	0.04-0.10	0.0-2.9		.32	.43			
	21-25													
OTHER SOILS														

TmE3:

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	İn	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
TmE3:														
CALVIN	0-7			10-25	1.20-1.40	2-6	0.12-0.18	0.0-2.9	0.5-2.0	.24	.24	3		56
	7-20			15-30	1.40-1.60	2-6	0.08-0.16	0.0-2.9		.20	.24			
	20-24													
CATEACHE	0-8			15-27	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	1.0-4.0	.32	.32	3		
	8-14			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	14-22			15-35	1.30-1.60	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
	22-26													
LITZ	0-15			10-27	1.20-1.50	0.6-2	0.18-0.22	0.0-2.9	0.5-2.0	.37	.37	3		
	15-21			10-35	1.20-1.50	0.6-2	0.04-0.10	0.0-2.9		.32	.43			
	21-25													
OTHER SOILS														
TmF:														
CALVIN	0-7			10-25	1.20-1.40	2-6	0.12-0.18	0.0-2.9	0.5-2.0	.24	.24	3		56
	7-20			15-30	1.40-1.60	2-6	0.08-0.16	0.0-2.9		.20	.24			
	20-24													
CATEACHE	0-8			15-27	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	1.0-4.0	.32	.32	3		
	8-14			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	14-22			15-35	1.30-1.60	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
	22-26													
LITZ	0-15			10-27	1.20-1.50	0.6-2	0.18-0.22	0.0-2.9	0.5-2.0	.37	.37	3		
	15-21			10-35	1.20-1.50	0.6-2	0.04-0.10	0.0-2.9		.32	.43			
	21-25													
OTHER SOILS														

TmF3:

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		Fosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	În	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
TmF3:														
CALVIN	0-7			10-25	1.20-1.40	2-6	0.12-0.18	0.0-2.9	0.5-2.0	.24	.24	3		56
	7-20			15-30	1.40-1.60	2-6	0.08-0.16	0.0-2.9		.20	.24			
	20-24													
CATEACHE	0-8			15-27	1.20-1.40	0.6-2	0.16-0.20	0.0-2.9	1.0-4.0	.32	.32	3		
	8-14			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	14-22			15-35	1.30-1.60	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
	22-26													
LITZ	0-15			10-27	1.20-1.50	0.6-2	0.18-0.22	0.0-2.9	0.5-2.0	.37	.37	3		
	15-21			10-35	1.20-1.50	0.6-2	0.04-0.10	0.0-2.9		.32	.43			
	21-25													
OTHER SOILS														
TrC:														
CALVIN	0-7			10-25	1.20-1.40	2-6	0.10-0.18	0.0-2.9		.15	.24	3		
	7-20			15-30	1.40-1.60	2-6	0.08-0.16	0.0-2.9		.20	.24			
	20-24													
CATEACHE	0-8			15-27	1.20-1.40	0.6-2	0.14-0.18	0.0-2.9	1.0-4.0	.28	.32	3		
	8-14			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	14-22			15-35	1.30-1.60	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
	22-26													
LITZ	0-15			10-27	1.20-1.50	0.6-2	0.13-0.16	0.0-2.9	0.5-2.0	.32	.37	3		
	15-21			10-35	1.20-1.50	0.6-2	0.04-0.10	0.0-2.9		.32	.43			
	21-25													
OTHER SOILS														

TrE:

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk Density	Permeability (Ksat)	Available Water	Linear Extensibility	Organic Matter		rosion actors		Wind Erodibility	Wind Erodibility
and Soil Name	În	Pct	Pct	pct	g/cc	In/Hr	Capacity In/In	Pct	Pct	Kw	Kf	Т	Group	Index
TrE:														
CALVIN	0-7			10-25	1.20-1.40	2-6	0.10-0.18	0.0-2.9		.15	.24	3		
	7-20			15-30	1.40-1.60	2-6	0.08-0.16	0.0-2.9		.20	.24			
	20-24													
CATEACHE	0-8			15-27	1.20-1.40	0.6-2	0.14-0.18	0.0-2.9	1.0-4.0	.28	.32	3		
	8-14			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	14-22			15-35	1.30-1.60	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
	22-26													
LITZ	0-15			10-27	1.20-1.50	0.6-2	0.13-0.16	0.0-2.9	0.5-2.0	.32	.37	3		
	15-21			10-35	1.20-1.50	0.6-2	0.04-0.10	0.0-2.9		.32	.43			
	21-25													
OTHER SOILS														
TrF:														
CALVIN	0-7			10-25	1.20-1.40	2-6	0.10-0.18	0.0-2.9		.15	.24	3		
	7-20			15-30	1.40-1.60	2-6	0.08-0.16	0.0-2.9		.20	.24			
	20-24													
CATEACHE	0-8			15-27	1.20-1.40	0.6-2	0.14-0.18	0.0-2.9	1.0-4.0	.28	.32	3		
	8-14			18-35	1.30-1.60	0.6-2	0.12-0.16	3.0-5.9		.28	.32			
	14-22			15-35	1.30-1.60	0.6-2	0.08-0.12	0.0-2.9		.28	.37			
	22-26													
LITZ	0-15			10-27	1.20-1.50	0.6-2	0.13-0.16	0.0-2.9	0.5-2.0	.32	.37	3		
	15-21			10-35	1.20-1.50	0.6-2	0.04-0.10	0.0-2.9		.32	.43			
	21-25													
OTHER SOILS														

TsB:

Monroe County, West Virginia

Map Symbol	Depth	Sand	Silt	Clay	Moist Bulk	Permeability	Available Water	Linear	Organic		rosion actors		Wind	Wind
and Soil Name	İn	Pct	Pct	pcť	Density g/cc	(Ksat) In/Hr	Capacity In/In	Extensibility Pct	Matter Pct	Kw	Kf	Т	Erodibility Group	Erodibility Index
TsB:														
TILSIT	0-14			10-25	1.20-1.55	0.6-2	0.16-0.22	0.0-2.9	1.0-3.0	.43	.43	3	5	56
TIEGIT	14-19			18-35	1.30-1.55	0.6-2	0.16-0.22	0.0-2.9		.43	.43	J	3	30
	19-40			18-35	1.40-1.65	0.06-0.2	0.08-0.12	0.0-2.9		.43	.43			
	40-62			10-50	1.40-1.60	0.06-0.6	0.08-0.12	0.0-2.9		.43	.43			
	62-66													
TtB:														
TILSIT	0-14			10-25	1.20-1.55	0.6-2	0.16-0.22	0.0-2.9	1.0-3.0	.43	.43	3	5	56
112011	14-19			18-35	1.30-1.55	0.6-2	0.16-0.22	0.0-2.9		.43	.43	·	Ü	00
	19-40			18-35	1.40-1.65	0.06-0.2	0.08-0.12	0.0-2.9		.43	.43			
	40-62			10-50	1.40-1.60	0.06-0.6	0.08-0.12	0.0-2.9		.43	.43			
	62-66													
BRINKERTON														
TtC:														
TILSIT	0-14			10-25	1.20-1.55	0.6-2	0.16-0.22	0.0-2.9	1.0-3.0	.43	.43	3	5	56
112011	14-19			18-35	1.30-1.55	0.6-2	0.16-0.22	0.0-2.9		.43	.43	·	Ü	00
	19-40			18-35	1.40-1.65	0.06-0.2	0.08-0.12	0.0-2.9		.43	.43			
	40-62			10-50	1.40-1.60	0.06-0.6	0.08-0.12	0.0-2.9		.43	.43			
	62-66													
U1:														
ROADS AND RAILROADS														
U2:														
URBAN LAND														
w:														
WATER														